

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL COUNCIL MEETING DATE: JANUARY 16, 1991
FROM: THE CITY MANAGER'S OFFICE
SUBJECT: ELECTRIC RATE PROPOSAL

RECOMMENDED ACTION: That the City Council approve electric rates as proposed herein, to become effective with utility bills prepared on or after February 1, 1991. Copies of the new rates are attached.

BACKGROUND INFORMATION: Prior to November 1, 1989, Lodi electric rates for the average residential customer had not been increased in over four years. The 1989 adjustment was required to provide an increase in electric revenue of 7.6%. This revenue requirement translated into an increase for Residential customers of approximately 12% and Industrial/Commercial customers of approximately 6%.

The July 2, 1990 City of Lodi budget approved by the City Council specifically recognized that the present electric rates charged to consumers "do not provide sufficient funds to cover the cost of power, operations, capital replacements and an 8% return on gross sales to the General Fund."

In order to keep the Electric Utility on a sound economic footing, that budget included additional revenue which was to be produced by an adjustment to increase electric rates January 1991 until revenue collections adequately covered costs.

An overall rate revenue adjustment of 10% is required as the minimum to meet projected revenue requirements through a full rate period (12 months or more).

Translation of this overall revenue adjustment into customer class rate increases is shown in the following table:

	1991 Increase	Savings (Comparison to PG&E)
Residential	12.9%	25.3%
Small Commercial/Industrial	13.8%	26.2%
Medium Commercial/Industrial	6.4%	13.2%
Large Commercial/Industrial	6.7%	13.6%

Note: "Savings" based on PG&E rates effective January 1, 1991.

Last summer's uncomfortably hot and humid weather resulted in record electric power use - up 13% over the previous year - and continued a ten-year upward trend. Lodi's rapidly growing need for electric power results in purchases of new, costly sources of power supply. As a result, the City's total electric bill, and the individual customer's electric bill, will continue to increase from price variations in the cost of petrochemical fuels, reflecting national and world events. Included in the factors contributing to the need for this increase are

January 16, 1991

that the 1989 rate adjustments were intentionally structured to collect less revenue than needed to cover expenses with the difference being made up by utilizing the Rate Stabilization Fund, the purpose for which that fund was established, and increased cost of power purchases.

We cannot adequately project the full impact, if any, of the Middle East instability on the fuel cost of energy purchases during our five-month peak load season. Large purchases of supplemental energy normally occur during our summer period when we face a new peak each day. At such time, we may incur purchase power adjustments which could be well beyond expected price level. Language has been added in the tariff sheets covering a Purchase Power Cost Adjustment clause, if needed, to protect against such revenue erosion.

The Lodi Electric Utility Department's goal is to maintain our lower rates while not decreasing the level of comfort or reliability. To that end, your Electric Utility Department will be increasing its efforts to communicate with all of the City's electric customers. In addition to continuing with the load survey process, information packets will be distributed around the city. These packets outline steps which the consumer can take to help keep individual electric power costs down. Initially, the information, along with electric rate schedules, will be available starting February 1, 1991 in the lobby of City Hall, 221 West Pine Street.



Henry J. Rice
Electric Utility Director

Attach. (11)

ORDINANCE NO. 1507

AN URGENCY ORDINANCE OF THE LODI CITY COUNCIL
REPEALING ORDINANCE NO. 1464 OF THE CITY OF LODI
AND ENACTING A NEW ORDINANCE ESTABLISHING RATES FOR THE
SALE OF ELECTRIC ENERGY BY THE CITY OF LODI

BE IT ORDAINED BY THE LODI CITY COUNCIL AS FOLLOWS:

SECTION 1. Lodi Municipal Code Chapter 13.20 - Electrical Service, Article III. Rates, is hereby amended by enacting a new ordinance establishing rates for the sale of electric energy by the City of Lodi.

SECTION 2. Ordinance 1464 entitled "An Ordinance of the Lodi City Council Repealing Ordinance No. 1348 of the City of Lodi and Enacting a New Ordinance Establishing Rates for the Sale of Electric Energy by the City of Lodi" is hereby repealed as of the effective date of this ordinance.

SECTION 3. The sale of electric energy by the City of Lodi shall be at the rates hereinafter set forth.

SECTION 4. Schedule EA - Residential Service - See schedule attached hereto, marked Exhibit A and thereby made a part hereof.

SECTION 5. Schedule EM - Mobile Home Park Service - See schedule attached hereto, marked Exhibit B and thereby made a part hereof.

SECTION 6. Schedule MR - Residential Medical Rider - See schedule attached hereto, marked Exhibit C and thereby made a part hereof.

SECTION 7. Schedule EL - Outdoor Dusk-To-Dawn Lighting - See schedule attached hereto, marked Exhibit D and thereby made a part hereof.

SECTION 8. Schedule G1 - General Service - Group 1 Commercial/Industrial - See schedule attached hereto, marked Exhibit E and thereby made a part hereof.

SECTION 9. Schedule G2 - General Service - Group 2 Commercial/Industrial - See schedule attached hereto, marked Exhibit F and thereby made a part hereof.

SECTION 10. Schedule G3 - General Service - Group 3 Commercial/Industrial - See schedule attached hereto, marked Exhibit G and thereby made a part hereof.

SECTION 11. Schedule G4 - General Service - Group 4 Commercial/Industrial - See schedule attached hereto, marked Exhibit H and thereby made a part hereof.

SECTION 12. Schedule G5 - General Service - Group 5 Commercial/Industrial - See schedule attached hereto, marked Exhibit I and thereby made a part hereof.

SECTION 13. Schedule EP - Energy Purchase - See schedule attached hereto, marked Exhibit J and thereby made a part hereof.

SECTION 14. Schedule SS - Standby Service - See schedule attached

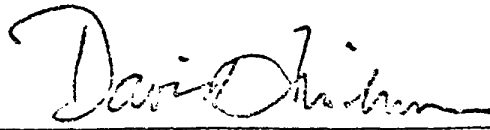
hereto, marked Exhibit K and thereby made a part hereof.

SECTION 15. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.

SECTION 16. This is an urgency ordinance based on health, safety and welfare considerations, and shall be effective on all billings by the City of Lodi on or after February 1, 1991.

SECTION 17. This urgency ordinance shall be published one time in the "Lodi News Sentinel", a daily newspaper of general circulation printed and published in the City of Lodi and shall be in force and take effect immediately.

Approved this 16th day of January 1991



DAVID M. HINCHMAN
MAYOR

Attest:


ALICE M. REIMCHE
City Clerk

State of California
County of San Joaquin, ss.

I, Alice M. Reimche, City Clerk of the City of Lodi, do hereby certify that Ordinance No. 1507 was adopted as an urgency ordinance at a regular meeting of the City Council of the City of Lodi held January 16, 1991, and was thereafter passed, adopted and ordered to print by the following vote:

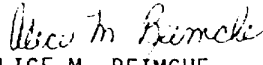
Ayes: Council Members - Pennino, Pinkerton, Sieglock,
Snider and Hinchman (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Abstain: Council Members - None

I further certify that Ordinance No. 1507 was approved and signed by the Mayor on the date of its passage and the same has been published pursuant to law.


ALICE M. REIMCHE
City Clerk

Approved as to Form



BOBBY W. McNATT
City Attorney

ORD1507/TXTA.02J



CITY OF LODI

ELECTRIC UTILITY DEPARTMENT

SCHEDULE EA

RESIDENTIAL SERVICE

APPLICABILITY:

Residential service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family and multi-family dwellings separately metered by the City.

RATES:

Minimum Charge: \$4.52

Energy Charge:

Summer (May through October)

First	440 kwh, per kwh.08250
Over	440 kwh, per kwh.12200

Winter (November through April)

First	400 kwh, per kwh.08250
Over	400 kwh, per kwh.12200

PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

BILLING CYCLE CHARGE (MONTHLY BILL):

The billing cycle charge is the higher of the sum of the Minimum Charge and the PPCA or the sum of the Energy Charge and the PPCA.

SPECIAL CONDITIONS:

(a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.

(b) This rate does not apply to service used for common areas and facilities in multi-family dwellings.

(c) An additional first block medical quantity is available as described in Schedule MR - Residential Medical Rider.

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Effective February 1, 1991

Canceling Ordinance No. 1464

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SCHEDULE EM

MOBILE HOME PARK SERVICE

APPLICABILITY:

Mobile home park service is applicable to single-phase service supplied to mobile home parks through one meter and sub-metered to all individual mobile home units.

RATES:

Customer Charge: (per meter per billing cycle) \$4.52

Energy Charge:

Summer (May through October)

First 440 kwh, per occupied mobile home space wired for service, per kwh08250
Over 440 kwh, per occupied mobile home space wired for service, per kwh12200

Winter (November through April)

First 400 kwh, per occupied mobile home space wired for service, per kwh08250
Over 400 kwh, per occupied mobile home space wired for service, per kwh12200

PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

BILLING CYCLE CHARGE (MONTHLY BILL):

The billing cycle charge is the sum of the Customer Charge, the Energy Charge and the PPCA.

SPECIAL CONDITIONS:

(a) This rate is available only for mobile home park master metering in service prior to March 31, 1989.

(b) It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of occupied mobile home spaces wired for service.

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(c) Miscellaneous electrical loads such as general lighting, laundry rooms, general maintenance, and other similar use incidental to the operation of the premises as a multi-family accommodation will be considered residential use.

(d) Additional first block medical quantities are available as described in Schedule MR - Residential Medical Rider.

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SCHEDULE MR

RESIDENTIAL MEDICAL RIDER

APPLICABILITY:

Qualifying residential customers on Schedule EA or customers with qualifying tenant(s) on Schedule EM are entitled to an additional 500 kilowatt-hours (kwh) per billing cycle (monthly bill) for each qualifying household or mobile home at the lower priced first block rate.

If a customer or full-time resident in the home has one or more of the medical conditions listed below, contact the Electric Utility Department to request a City application, "Declaration of Eligibility for Medical First Block Adjustment." Only one medical first block adjustment per household or mobile home is available.

QUALIFYING CONDITIONS:

To qualify for the Medical First Block Adjustment, the customer will be required to submit a completed City application, including the certification of a doctor of medicine or osteopathy licensed to practice in the State of California that a customer or other full-time resident in the home is:

1. dependent on a life-support device used in the home, or
2. a paraplegic, hemiplegic, or quadraplegic person having special air conditioning needs, or
3. a multiple-sclerosis patient with special heating or air conditioning needs.

Medical conditions other than multiple sclerosis, paraplegia, hemiplegia, or quadriplegia may qualify customers for medical quantities for electric heating or air conditioning. Any such conditions will be reviewed on an individual basis.

LIFE-SUPPORT DEVICES:

A life-support device is any medical device necessary to sustain life or relied upon for mobility. To qualify under this rule, the device must be used in the home and must run on electricity supplied by the City of Lodi.

The term "life-support device" includes, but is not limited to, respirators, iron lungs, hemodialysis machines, suction machines, electric nerve stimulators, pressure pads and pumps, aerosol tents, electrostatic and ultrasonic nebulizers, compressors, IPPB machines and motorized wheelchairs.



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HEATING AND AIR CONDITIONING:

Special heating and/or air-conditioning needs will qualify for a Medical First Block Adjustment under this rider only if the main source of energy for heating or air conditioning is electricity supplied by the City of Lodi.

MEDICAL FIRST BLOCK ADJUSTMENT FOR MOBILE HOME PARK SERVICE CUSTOMERS:

Residential tenants of mobile home park service customers can also qualify for Medical First Block Adjustments. If one or more of the customer's tenants have a medical condition that qualifies under the conditions listed above, contact the Electric Utility Department to apply.

Any Medical First Block Adjustment must be passed on to the qualifying tenant(s) when tenants are billed for the electricity they use.

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SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead area lighting service. Dusk-to-dawn lighting may not be used for streetlighting purposes.

RATES:

For each 6,000 lumen gas discharge lamp \$11.25 per billing cycle

For each 18,000 lumen gas discharge lamp \$20.59 per billing cycle

SPECIAL CONDITIONS:

(a) Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by the City of Lodi Electric Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by the City of Lodi. Lamps will be controlled from dusk to dawn each night so as to give approximately 4,380 hours of service annually.

(b) Upon receipt of notice from a customer of failure of light to operate as scheduled, the City of Lodi Electric Utility Department will, within a reasonable period of time, make the necessary repairs.

(c) Relocation of existing outdoor lighting service equipment or the installation of additional facilities required other than mentioned in (a) above shall be at customer's expense prior to starting work.

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SCHEDULE G1

GENERAL SERVICE - GROUP 1 COMMERCIAL/INDUSTRIAL

APPLICABILITY:

Schedule G1 is applicable to customers with single-phase or three-phase service, or to a combination thereof, whose energy consumption does not exceed 8,000 kilowatt-hours (kwh) per billing cycle for three consecutive billing cycles.

RATES:

Customer Charge: (per meter per billing cycle)

Single-Phase Service \$4.55

Three-Phase or Combination Service 5.98

Energy Charge: (per kwh)

Summer (May through October)11233

Winter (November through April).09218

PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

BILLING CYCLE CHARGE (MONTHLY BILL):

The billing cycle charge is the sum of the Customer Charge, the Energy Charge and the PPCA.



EXHIBIT F

CITY OF LODI

ELECTRIC UTILITY DEPARTMENT

SCHEDULE G2

GENERAL SERVICE - GROUP 2 COMMERCIAL/INDUSTRIAL

APPLICABILITY:

Schedule G2 will be applied to accounts with energy consumption in excess of 8,000 kilowatt-hours (kwh) for 3 consecutive billing cycles and with billing demand less than 400 kilowatts (kw) for 3 consecutive billing cycles.

Billing Demand: The billing demand in any billing cycle will be the maximum average power taken during any metering interval in the period, but not less than the diversified resistance welder load. (The customary metering interval is 15 minutes; in cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.)

Assignment to Schedule: If, in the judgment of the City, an account is expected to have usage over 8,000 kwh per billing cycle, the City has the option of placing the account immediately on Schedule G2.

When an account billed on Schedule G2 permanently changes the nature of electrical operations to such an extent that the account qualifies for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

If energy consumption drops below 8,000 kwh and remains there for 12 consecutive billing cycles, the City will transfer the account to Schedule G1. If the demand reaches or exceeds 400 kw for 3 consecutive billing cycles, the account will be transferred to the appropriate rate schedule.

RATES:

Customer Charge (per meter per billing cycle) \$ 53.20

Demand Charge:

All kw of billing demand, per kw 3.19

Energy Charge:(per kwh)

Summer (May through October)08748

Winter (November through April).06852

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PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

BILLING CYCLE CHARGE (MONTHLY BILL):

The billing cycle charge for service under Schedule G2 is the sum of the Customer Charge, the Demand Charge, the Energy Charge and the PPCA.

VOLTAGE DISCOUNT:

When delivery is made at the same primary distribution voltage as that of the line from which the service is supplied, a 4% discount will be allowed on the sum of the Customer Charge, the Demand Charge and the Energy Charge.



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ELECTRIC UTILITY DEPARTMENT

SCHEDULE G3

GENERAL SERVICE - GROUP 3 COMMERCIAL/INDUSTRIAL

APPLICABILITY:

Schedule G3 shall be applied to accounts with billing period demands of 400 kilowatts (kw) or more and less than 500 kw for 3 consecutive billing cycles.

Demand: The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

Assignment to Schedule: If, in the judgment of the City, an account is expected to have billing period demand of 400 kw or more and less than 500 kw per billing cycle, the City has the option of placing the account immediately on Schedule G3.

If billing period demand drops below 400 kw and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule.

When an account billed on Schedule G3 permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

RATES:

Customer Charge (per meter per billing cycle) \$125.00

Service Voltage: Season:	Secondary (G3-S)		Primary (G3-P)	
	Summer	Winter	Summer	Winter
Demand Charges:				
Per kw of peak period demand	\$9.00	--	\$8.35	--
Per kw of billing period demand	3.19	\$3.19	2.50	\$2.50
Energy Charges:				
Peak period (per kwh)	.10600	--	.09865	--
Partial peak period (per kwh)	.07500	.0300	.06765	.05640
Off peak period (per kwh)	.05600	.05300	.05045	.04880

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PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

TYPES OF CHARGES:

The billing cycle charge for service under Schedule G3 is the sum of the Customer Charge, the Demand Charges, the Energy Charges and the PPCA:

- The Customer Charge is a flat monthly fee.
- Schedule G3 has two Demand Charges, a peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kw applies to the maximum demand during the billing cycle's peak hours, and the billing period Demand Charge per kw applies to the maximum demand at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.
- Schedule G3 has three Energy Charges, a peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's peak hours, the partial peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's partial peak hours, and the off peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.
- The PPCA is a per kwh charge applied to the total kwh used during the billing cycle.
- Monthly charges may be decreased or increased based upon power factor as defined below.
- As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltages are defined below.

DEFINITION OF SERVICE VOLTAGE:

The service voltage classes of G3 rates are:

- a. Primary: Service Voltage class for service at 12,000 volts (nominal).

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- b. Secondary: Service Voltage class for service at available voltages below 12,000 volts (nominal).

POWER FACTOR ADJUSTMENTS:

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rate shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 85.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

DEFINITION OF TIME PERIODS:

Times of the year and times of the day are defined as follows:

SUMMER May 1 through October 31:

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m.
Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

WINTER: November 1 through April 30:

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except
holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

HOLIDAYS:

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.



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ELECTRIC UTILITY DEPARTMENT

SCHEDULE G4

GENERAL SERVICE - GROUP 4 COMMERCIAL/INDUSTRIAL

APPLICABILITY:

Schedule G4 shall be applied to accounts with billing period demands of 500 kilowatts (kw) or more and less than 1,000 kw for 3 consecutive billing cycles.

Demand: The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

Assignment to Schedule: If, in the judgment of the City, an account is expected to have billing period demand of 500 kw or more and less than 1,000 kw per billing cycle, the City has the option of placing the account immediately on Schedule G4.

If billing period demand drops below 500 kw and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule.

When an account billed on Schedule G4 permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such changes.

RATES:

Customer Charge (per meter per billing cycle). \$125.00

Service Voltage:	Secondary (G4-S)		Primary (G4-P)	
Season:	Summer	Winter	Summer	Winter
Demand Charges:				
Per kw of peak period demand	\$9.00	--	\$8.35	--
Per kw of billing period demand	3.19	\$3.19	2.50	\$2.50
Energy Charges:				
Peak period (per kwh)	.10350	--	.09644	--
Partial peak period (per kwh)	.07200	.06200	.06551	.05600
Off peak period (per kwh)	.05400	.05250	.04998	.04850



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PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

TYPES OF CHARGES:

The billing cycle charge for service under Schedule G4 is the sum of the Customer Charge, the Demand Charges, the Energy Charges and the PPCA:

- The Customer Charge is a flat monthly fee.
- Schedule G4 has two Demand Charges, a peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kw applies to the maximum demand during the billing cycle's peak hours, and the billing period Demand Charge per kw applies to the maximum demand at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.
- Schedule G4 has three Energy Charges, a peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's peak hours, the partial peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's partial peak hours, and the off peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.
- The PPCA is a per kwh charge applied to the total kwh used during the billing cycle.
- Monthly charges may be decreased or increased based upon power factor as defined below.
- As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltages are defined below.

DEFINITION OF SERVICE VOLTAGE:

The service voltage classes of G4 rates are:

- a. Primary: Service Voltage class for service at 12,000 volts (nominal).



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- b. Secondary: Service Voltage class for service at available voltages below 12,000 volts (nominal).

POWER FACTOR ADJUSTMENTS:

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rate shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 85.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

DEFINITION OF TIME PERIODS:

Times of the year and times of the day are defined as follows:

SUMMER May 1 through October 31:

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m.
Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

WINTER: November 1 through April 30:

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except
holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

HOLIDAYS:

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.



CITY OF LODI

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SCHEDULE G5

GENERAL SERVICE - GROUP 5 COMMERCIAL/INDUSTRIAL

APPLICABILITY:

Schedule G5 shall be applied to accounts with billing period demands of 1,000 kilowatts (kw) or more for 3 consecutive months.

Demand: The billing period and peak period demands will be the maximum average power taken during any 15-minute interval in the billing period and peak period, respectively, but not less than the diversified resistance welder load. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used.

Assignment to Schedule: If, in the judgment of the City, an account is expected to have billing period demand of 1,000 kw or more per billing cycle, the City has the option of placing the account immediately on Schedule G5.

If billing period demand drops below 1,000 kw and remains there for 12 consecutive billing cycles, the City will transfer the account to the appropriate rate schedule.

When an account billed on Schedule G5 permanently changes the nature of electrical operations to such an extent that the account would in time qualify for another rate schedule, such billing change will be made as soon as practicable after verification of said changes. It shall be the responsibility of the customer to notify the City of any such change.

RATES:

Customer Charge (per meter per billing cycle) \$125.00

Service Voltage:	Secondary (G5-S)		Primary (G5-P)	
Season:	Summer	Winter	Summer	Winter
Demand Charges:				
Per kw of peak period demand	\$9.00	--	\$8.35	--
Per kw of billing period demand	3.19	\$3.19	2.50	\$2.50
Energy Charges:				
Peak period (per kwh)	.10097	--	.09414	--
Partial peak period (per kwh)	.06853	.05992	.06325	.05542
Off peak period (per kwh)	.05232	.05189	.04828	.04796

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Effective February 1, 1991

Ordinance No. 1507



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PURCHASED POWER COST ADJUSTMENT (PPCA):

A purchased power cost adjustment may be included in each bill for service. The adjustment shall be the product of the total kilowatt-hours (kwh) for which the bill is rendered times the adjustment amount per kwh. The adjustment amount per kwh will be calculated to reflect amounts charged the City by various suppliers of bulk power not covered in the above rates.

TYPES OF CHARGES:

The billing cycle charge for service under Schedule G5 is the sum of the Customer Charge, the Demand Charges, the Energy Charges and the PPCA:

- The Customer Charge is a flat monthly fee.
- Schedule G5 has two Demand Charges, a peak period Demand Charge and a billing period Demand Charge. The peak period Demand Charge per kw applies to the maximum demand during the billing cycle's peak hours, and the billing period Demand Charge per kw applies to the maximum demand at any time during the billing cycle. The bill will include both of these Demand Charges. Time periods are defined below.
- Schedule G5 has three Energy Charges, a peak period Energy Charge, a partial peak period Energy Charge, and an off peak period Energy Charge. The peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's peak hours, the partial peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's partial peak hours, and the off peak period Energy Charge per kwh applies to the total kwh used during the billing cycle's off peak hours. The bill will include all of these Energy Charges. Time periods are defined below.
- The PPCA is a per kwh charge applied to the total kwh used during the billing cycle.
- Monthly charges may be decreased or increased based upon power factor as defined below.
- As shown on the rates above, Demand and Energy Charges are based on the voltage at which service is taken. Service Voltages are defined below.

DEFINITION OF SERVICE VOLTAGE:

The service voltage classes of G5 rates are:

- a. Primary: Service Voltage class for service at 12,000 volts (nominal).



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- b. Secondary: Service Voltage class for service at available voltages below 12,000 volts (nominal).

POWER FACTOR ADJUSTMENTS:

Bills will be adjusted for billing cycle average power factor as follows:

The total charge (except taxes and customer charge) for any billing cycle as computed on the above rate shall be decreased or increased, respectively, by 0.0006% for each 0.01 percentage point that the average power factor of the customer's load in the billing cycle is greater or less than 85.00%, such average power factor to be computed (to the nearest hundredth of a percent) from the ratio of lagging kilovolt ampere-hours to kilowatt-hours consumed in the billing cycle.

Customers with service entrance equipment unable to accommodate the City's reactive metering equipment shall have their billing power factor determined by testing performed by the City.

DEFINITION OF TIME PERIODS:

Times of the year and times of the day are defined as follows:

SUMMER May 1 through October 31:

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m.
Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

WINTER: November 1 through April 30:

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except
holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.

HOLIDAYS:

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.



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SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy Purchase Schedule EP is applicable to qualifying customer-owned alternating current facilities operating in parallel with the City's electric system on a contract basis.

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Effective February 1, 1991

Canceling Ordinance No. 1464

Ordinance No. 1507



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SCHEDULE SS

STANDBY SERVICE

APPLICABILITY:

Schedule SS is applicable to commercial/industrial customers who would otherwise qualify for Schedule G2, G3, G4 or G5 and who operate privately-owned generating plants with a combined nameplate rating greater than 100 kilowatts (kw) on their premises and where the City must stand ready to supply electric service to replace such a plant.

RATES:

	Per Customer-Owned Plant Per Month
Customer Charge	\$125.00

Standby Charge:

Contract capacity, per kw.	\$ 3.19
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Standby Demand Charge:

	Secondary Summer	Winter	Primary Summer	Winter
Per kw of peak standby demand	\$12.19	---	\$10.85	---
Per kw of partial peak standby demand	\$12.19	\$3.19	\$10.85	\$2.50
Per kw of off peak standby demand	\$12.19	\$3.19	\$10.85	\$2.50

Time periods are defined below.

Summer Season: The maximum capacity expressed in kw, by interval, in a billing cycle during peak and partial peak periods will be billed at the standby demand charge rate for 12 consecutive months beginning with the month in which the capacity was provided. Standby demand charges occurring more than once in a 12-month period will not be additive. However, the largest demand charge will be used for 12 months for billing purposes.

The maximum capacity expressed in kw, by interval, in a billing cycle during off peak periods will be billed at the standby demand rate for the month of occurrence, only.

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Winter Season: The maximum capacity expressed in kw, by interval, in a billing cycle during partial peak and off peak periods will be billed at the standby demand rate for the month of occurrence, only.

Energy Charge:

All energy provided by the City will be billed at the applicable energy rate for the appropriate service voltage, season and periods as defined in the rate schedule for which the customer would normally qualify.

Reactive Demand Charge:

Per kvar of maximum reactive demand. \$1.00

SPECIAL CONDITIONS:

(a) **CONTRACT:** This schedule is available only for each specific service connection point on a contract basis to commercial/industrial customers for customer-owned generating plants as authorized by the City Council. Each contract term shall be for the service life of the customer-owned generating plant and shall obligate the customer to pay for Customer Standby and Standby Demand Charges for the contract term. The contract shall provide, among other things, that if service is cancelled prior to expiration of the contract period, the customer shall pay the total Standby Charges for the unexpired term of the contract and any outstanding Standby Demand Charges.

(b) **CONTRACT CAPACITY:** Contract Capacity is the nameplate rating of the customer-owned generating plant.

(c) **EXCESS CAPACITY:** Capacity supplied by the customer-owned generating plant in excess of the measured load at the customer's service connection point shall be considered inadvertent and no demand or energy adjustment shall be given.

(d) **LIMITATION ON CONTRACT CAPACITY SERVED:** Standby Service to new or increased loads is limited by the City's ability to serve such loads without jeopardizing service to existing customers on rate schedules for firm service, including standby service.

(e) **RENDERING OF BILLS:** All bills, including opening and closing bills, will be based on meter registration, except as otherwise provided in the City's Rules and Regulations or rate schedule. Should the billing period be less than one billing cycle, no proration will be made and the amount of the bill shall be determined in accordance with the schedule in effect at the time of the end of the normal meter reading period.



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(f) **TOTALIZING:** Totalizing of a customer's meter readings from more than one service connection point for billing purposes will not be done if one or more such service connections are receiving Standby Service.

(g) **DEMAND READINGS:** Demand readings will be based on 15-minute intervals.

(h) **PARALLEL OPERATION:** Any customer on this schedule intending to operate a generating plant in parallel with the City's electric system must construct and operate such plant in accordance with applicable Rules and Regulations. A customer who operates its generating plant in parallel must assume responsibility for protecting the City and other parties from damage resulting from negligent operation.

(i) **METERING:** The City will furnish, own and maintain, at its expense, the normal metering for the size and type of load served. The City will furnish, own and maintain, at the customer's expense, other metering equipment that the City determines to be necessary on both the service and the customer-owned generating plant. The customer shall provide facilities to accommodate such metering. Meters shall not allow reverse registration.

(j) **REACTIVE DEMAND CHARGE:** When the customer-owned generating plant is operated in parallel with the City's system, the customer will design and operate its facilities such that the reactive current requirements of the portion of the Customer's load supplied from such plant are not supplied at any time from the City's system. If the City determines by test that the customer-owned generating plant is placing a reactive demand on the City's electric system in excess of 0.1 kvar per kw of Contract Capacity, the Reactive Demand Charge shall be effective in that month and each subsequent month until the customer demonstrates to the City's satisfaction that adequate correction has been provided.

DEFINITION OF TIME PERIODS:

Times of the year and times of the day are defined as follows:

SUMMER May 1 through October 31:

Peak: 3:00 p.m. to 7:00 p.m. Monday through Friday (except holidays).

Partial Peak: 8:30 a.m. to 3:00 p.m. and 7:00 p.m. to 9:30 p.m.
Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day
Saturday, Sunday and holidays.



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WINTER: November 1 through April 30:

Partial Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays).

Off Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday and all day Saturday, Sunday and holidays.

HOLIDAYS:

"Holidays," for the purpose of this rate schedule, are New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day. The dates will be based on those days on which the holidays are legally observed.

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Ordinance No. 1507